

**Pennsylvania Agricultural Statistics Service**

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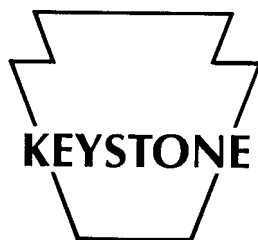
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Highlights

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The Keystone Ag Digest may be found on the Internet at the following address:

<http://www.nass.usda.gov/pa/agdigest.htm>

MILK PRODUCTION

Milk production in **Pennsylvania** during December 2002 totaled 894 million pounds, down 2.0 percent from last December's production. The number of milk cows in the state during the month averaged 590,000 head, down 1,000 from November and 2,000 head less than December 2001. Production per cow averaged 1,515 pounds in December, 55 pounds more than November, but 25 pounds less than in December 2001.

Milk production in the **20 states surveyed** during December 2002 totaled 12.2 billion pounds, up 1.8 percent from production in these same states in December 2001. November revised production, at 11.7 billion pounds, was up 1.4 percent from November 2001. The number of milk cows on farms in the 20 major states was 7.80 million head, 47,000 head more than December 2001 and 6,000 head more than November 2002. Production per cow in the 20 major states averaged 1,567 pounds for December, 18 pounds above December 2001.

The quarterly production of milk for the U.S. was 41.5 billion pounds, 1.7 percent above the October-December period last year. The average number of milk cows in the U.S. during the quarter was 9.15 million head, 43,000 head more than the same period last year.

PRODUCTION OF SELECTED DAIRY PRODUCTS

Products	Nov 2001	Oct 2002	Nov 2002
1,000 Lbs.			
PENNSYLVANIA			
Butter	5,370	5,846	6,062
Ice Cream	3,097	3,897	3,131
UNITED STATES			
Butter	100,079	102,084	103,221
Cheese:			
American Types	286,276	295,418	292,021
Swiss	19,779	22,799	21,708
Brick and Muenster	7,143	8,624	7,185
Cream and Neufchatel ...	69,175	64,018	70,958
Mozzarella	224,558	234,071	231,414
Other Italian	58,554	62,939	62,438
Total Italian Types	283,112	297,010	293,852
All Other	17,009	18,863	16,265
Total	691,229	717,589	711,767
NF Dry Milk, Human	107,211	99,746	96,246
Yogurt, Plain & Flavored ..	143,349	175,345	149,740
1,000 Gal.			
FROZEN PRODUCTS:			
Ice Cream, Hard	59,123	70,472	59,199
Ice Cream, Lowfat	25,239	28,820	21,955
Ice Cream, Nonfat	1,333	1,574	1,479
Sherbet	3,010	4,274	3,107
Frozen Yogurt, Total	5,329	6,346	5,559
MIX FOR PRODUCTS:			
Ice Cream Mix	34,153	42,030	36,980
Ice Cream Mix, Lowfat ...	13,834	15,978	12,171
Ice Cream Mix, Nonfat ...	817	904	950
Sherbet Mix	2,164	3,026	2,362
Yogurt Mix	2,787	3,733	3,270

DAIRY PRODUCTS

United States' butter production was 103 million pounds in November, 3.1 percent above November 2001 and 1.1 percent above October 2002. Total cheese output (excluding cottage cheese) was 712 million pounds, 3.0 percent above November 2001 but 0.8 percent below October 2002. American type cheese production totaled 292 million pounds, 2.0 percent above November 2001 but 1.1 percent below October 2002. Frozen desserts: (comparisons with November 2001) ice cream, regular (hard) -- 59.2 million gallons, up 0.1 percent; ice cream, lowfat (total) -- 22.0 million gallons, down 13.0 percent; ice cream, nonfat (hard) -- 1.48 million gallons, up 11.0 percent; sherbet (hard) -- 3.11 million gallons, up 3.2 percent; frozen yogurt (total) -- 5.56 million gallons, up 4.3 percent.

MILK COWS & MILK PRODUCTION

Item	Unit	Pennsylvania			20 States		
		Dec 2001	Nov 2002	Dec 2002	Dec 2001	Nov 2002	Dec 2002
Milk Cows	Thous.	592	591	590	7,750	7,791	7,797
Milk Per Cow	Lbs.	1,540	1,460	1,515	1,549	1,496	1,567
Milk Production	Mil. Lbs.	912	863	894	12,008	11,654	12,220

ANNUAL SUMMARY OF FIELD CROPS

Crop	Year	Pennsylvania				United States				Unit
		Acreage (000)		Production		Acreage (000)		Production		
		Planted	Harvested	Per Acre	(000)	Planted	Harvested	Per Acre	(000)	
Corn	2000	1,550	1,080 ¹	127.0	137,160	79,551	72,440 ¹	136.9	9,915,051	Bu.
	2001	1,500	990 ¹	98.0	97,020	75,752	68,808 ¹	138.2	9,506,840	Bu.
	2002	1,450	870 ¹	68.0	59,160	79,054	69,313 ¹	130.0	9,007,659	Bu.
Wheat, Winter . .	2000	200	195	53.0	10,335	43,393	35,072	44.7	1,566,023	Bu.
	2001	170	160	52.0	8,320	41,078	31,295	43.5	1,361,479	Bu.
	2002	190	185	54.0	9,990	41,735	29,651	38.5	1,142,802	Bu.
Oats	2000	175	145	57.0	8,265	4,477	2,329	64.2	149,545	Bu.
	2001	150	115	65.0	7,475	4,403	1,905	61.4	117,024	Bu.
	2002	140	115	61.0	7,015	5,005	2,098	56.8	119,132	Bu.
Barley	2000	80	75	71.0	5,325	5,864	5,213	61.1	318,728	Bu.
	2001	70	60	70.0	4,200	4,967	4,289	58.2	249,420	Bu.
	2002	70	60	74.0	4,440	5,073	4,135	54.9	226,873	Bu.
Sorghum	2000	13	4 ²	80.0	320	9,195	7,726 ²	60.9	470,526	Bu.
	2001	11	4 ²	78.0	312	10,252	8,584 ²	59.9	514,524	Bu.
	2002	11	3 ²	48.0	144	9,580	7,299 ²	50.7	369,758	Bu.
Soybeans	2000	390	385	43.0	16,555	74,266	72,408	38.1	2,757,810	Bu.
	2001	400	395	35.0	13,825	74,075	72,975	39.6	2,890,682	Bu.
	2002	365	350	26.0	9,100	73,758	72,160	37.8	2,729,709	Bu.
Hay, All	2000	-	1,800	2.46	4,430	-	59,854	2.54	151,921	Ton
	2001	-	1,650	2.08	3,439	-	63,521	2.47	156,764	Ton
	2002	-	1,800	1.98	3,560	-	64,497	2.34	150,962	Ton
Hay, Alfalfa	2000	-	650	3.10	2,015	-	23,077	3.48	80,347	Ton
	2001	-	670	2.50	1,675	-	23,822	3.37	80,327	Ton
	2002	-	680	2.60	1,768	-	23,135	3.19	73,824	Ton
Tobacco, All . . .	2000	-	5.1	1,994	10,170	-	472.4	2,229	1,052,999	Lbs.
	2001	-	3.1	1,989	6,166	-	432.3	2,293	991,552	Lbs.
	2002	-	3.4	2,004	6,815	-	430.3	2,068	889,632	Lbs.
Potatoes, Fall . .	2000	13.5	13.0	270	3,510	1,223.0	1,192.2	392	467,504	Cwt.
	2001	14.0	13.5	235	3,173	1,091.5	1,073.2	367	393,750	Cwt.
	2002	15.0	14.0	185	2,590	1,144.2	1,114.8	374	417,228	Cwt.

¹ Corn for grain, remainder of planted acres for silage and other uses. ² Sorghum for grain, remainder of planted acres for silage and other uses.

CROP PRODUCTION

Based on year end acreage and yield data, production of alfalfa and other hay, winter wheat, and tobacco in Pennsylvania was above last year's production. Production of corn for grain and silage, alfalfa haylage and greenchop, total forage, oats, soybeans, sorghum for grain and silage, and fall potatoes were below last year's production.

Corn for grain production totaled 59.16 million bushels, 39 percent below last year's crop. Corn acres harvested for grain amounted to 870,000 and yielded 68 bushels per acre, 30 bushels per acre less than last year and 59 bushels per acre less than 2 years ago. Corn for silage production at 6.44 million tons, down 18 percent from production in 2001. Acres harvested for silage totaled 560,000, up 14 percent from last year. Yield was 11.5 tons per acre, 4.5 tons per acre below the yield of 2001.

Alfalfa hay production was 1.77 million tons, 5.5 percent above last year's production. Acres harvested were 680,000, an increase of 10,000 acres over last year, with an average yield of 2.60 tons per acre. Alfalfa haylage and greenchop production was 1.86 million tons (green weight), 21 percent below last year's production. Acres harvested were 350,000, with an average yield of 5.30 tons per acre, compared to 420,000 acres and a yield of 5.60 tons per acre last year. All alfalfa forage production was 2.68 million tons (dry weight equivalent), 5 percent below last year's production. Alfalfa acres newly seeded in 2002 for crop production in 2003 totaled 110,000 acres, up 10,000 acres from a year ago. All other hay acres harvested totaled 1,120,000 acres, 140,000 acres above last year, with a yield of 1.60 tons per acre for a total production of 1.79 million tons, up 2 percent from last year. Total forage production on a dry equivalent basis was 4.77 million tons, 1 percent below last year's production and 25 percent below the production of two years ago. Forage was harvested from 2.0 million acres, unchanged from the last two years. Average yield per acre in 2002 was 2.39 dry tons, compared to 2.41 dry tons a year ago.

Oat production was 7.02 million bushels, 6 percent less than last year's production. Harvested acres totaled 115,000, unchanged from last year, and the yield was 61 bushels per acre, 4 bushels per acre below last year. Production of winter wheat was 9.99 million bushels, 20 percent above 2001. Harvested acres totaled 190,000, with a yield of 54.0 bushels per acre, 2 bushels per acre above last year. Winter wheat seeded in the fall of 2002 for production of a crop in 2003 totaled 190,000

acres, up 20,000 from a year ago. Barley production was 4.44 million bushels, 6 percent more than 2001. Acreage harvested was 60,000 with a yield per acre of 74 bushels. Soybean production, at 9.1 million bushels, was 34 percent less than last year's production. Acreage harvested was 350,000, which was 45,000 acres below 2001. The 2002 yield was 26.0 bushels per acre, 9 bushels per acre less than a year ago.

Sorghum for grain production totaled 144,000 bushels, 64 percent below last year's crop. Sorghum acres harvested for grain totaled 3,000, down 1,000 acres from 2001. Sorghum yield was 48.0 bushels per acre in 2002, compared to a yield for grain of 78.0 bushels last year. Sorghum acres harvested for silage was set at 7,000, up 2,000 from a year ago. Silage yield was 7.0 tons per acre compared to 10.0 tons in 2001. Production of sorghum silage was 49,000 tons, down only slightly from last year. Fall potato production, at 2.59 million hundredweight (cwt.), was 18 percent less than 2001 production. Acres harvested was 14,000, up 4 percent from last year. The yield of 185 cwt. per acre was down 50 cwt. from last year's yield and 85 cwt. per acre below the yield of two years ago.

Pennsylvania seedleaf-type tobacco production totaled 4.41 million pounds, 7 percent above last year. Acres for harvest was 2,100, up 100 acres from last year, with an average yield per acre of 2,100 pounds, 40 pounds more than last year. Maryland-type tobacco production totaled 2.41 million pounds, 17 percent more than last year. Harvested acreage was 1,300, up 200 acres from last year. The average yield of 1,850 pounds per acre was down 10 pounds from last year.

At the United States level, corn for grain production was estimated at 9.01 billion bushels, virtually unchanged from the November forecast, but down 5 percent from the 9.51 billion bushels produced in 2001. The average U.S. grain yield is estimated at 130.0 bushels per acre, 2.4 bushels above the November forecast, but down 8.2 bushels from 2001. Production of major crops and changes from the previous year are as follows: corn for silage, 105.0 million tons, up 2.8 percent; alfalfa hay, 73.8 million tons, down 8.1 percent; other hay, 77.1 million tons, up 1 percent; oats, 119.1 million bushels, up 1.8 percent; winter wheat, 1.14 billion bushels, down 16.1 percent; barley 227.0 million bushels, down 10.0 percent; soybeans, 2.73 billion bushels, down 5.5 percent; all potatoes, 463.2 million cwt., up 5.8 percent; all tobacco, 889.6 million pounds, down 10.3 percent.

PENNSYLVANIA & UNITED STATES: GRAIN STOCKS - DECEMBER 1, 2002 WITH COMPARISON

Grain	Year	Pennsylvania			United States		
		On Farms	Off Farms ¹	Total All Positions	On Farms	Off Farms ¹	Total All Positions
		1,000 Bushel					
Corn	2001	56,000	8,911	64,911	5,275,000	2,989,715	8,264,715
	2002	37,000	6,918	43,918	4,800,000	2,833,427	7,633,427
Wheat	2001	²	7,681	²	517,890	1,105,565	1,623,455
	2002	²	8,503	²	384,800	936,199	1,320,999
Soybeans	2001	²	3,451	²	1,240,000	1,035,618	2,275,618
	2002	²	3,047	²	1,170,000	944,482	2,114,482
Barley	2001	²	588	²	92,400	102,587	194,987
	2002	²	722	²	83,400	86,601	170,001
Oats	2001	4,500	741	5,241	58,100	56,117	114,217
	2002	3,100	855	3,955	52,300	51,294	103,594

¹ Includes stocks at mills, elevators, warehouses, terminals and processors. ² Included in U.S. totals.

GRAIN STOCKS

Pennsylvania's corn stored in all positions on December 1, 2002 was 43.9 million bushels, down 32 percent from December 1, 2001. On-farm corn stocks amounted to 37.0 million bushels, while off-farm stocks were 6.9 million bushels. Wheat stored off farms totaled 8.5 million bushels. Soybeans stored off farms totaled 3.0 million bushels. Barley stored off farms was 722 thousand bushels. Oats stored in all positions were 3.96 million bushels, 3.1 million on farm and 855 thousand off farm.

Pennsylvania's on-farm stocks of wheat, soybeans and barley are not published separately but instead are included with an unallocated national total. Hay stocks on-farm on December 1, 2002 were estimated at 2.2 million tons, up 5 percent from a year ago. On December 1, 2002, there were 199 off-farm storage facilities (mills, elevators, warehouses, terminals and processors) with a total grain storage capacity of 30.7 million bushels, up 1 percent from December 1, 2001. On December 1, 2002, on-farm storage capacity was 130 million bushels, down 7 percent from December 1, 2000.

Nationally, corn stocks in all positions on December 1, 2002 were estimated at 7.63 billion bushels, down 8 percent from December 1, 2001. On-farm stocks totaled 4.80 billion bushels, down 9 percent from a year ago. Off-farm stocks were 2.83 billion bushels, down 5 percent from last year.

All wheat stocks in all positions on December 1, 2002 total 1.32 billion bushels, down 19 percent from a year ago. On farm stocks were 385 million bushels, down 26 percent from last December. Stocks off farm, at 936 million bushels, are down 15 percent from last year.

Soybeans in all storage positions on December 1, 2002 totaled 2.11 billion bushels, down 7 percent from December 1, 2001. On farm stocks, estimated at 1.17 billion bushels, were down 6 percent from the same period last year. Off-farm stocks were placed at 944 million bushels, 9 percent below a year ago.

Barley stored in all positions on December 1, 2002 totaled 170 million bushels, down 13 percent from a year ago. On-farm stocks totaled 83.4 million bushels, 10 percent below a year earlier. Off-farm stocks, at 86.6 million bushels, were 16 percent below last year.

U.S. hay stocks on farms on December 1, 2002 were estimated to be 103.8 million tons, 6 percent below a year ago. The total number of off-farm storage facilities in the U.S. on December 1, 2002 was 9,521 with a total grain storage capacity of 8.51 billion bushels, 1 percent above a year ago. On-farm grain storage capacity on December 1, 2002 for the United States totaled 11.2 billion bushels, down slightly from December 1, 2001.

FALL POTATOES: PRODUCTION & STOCKS ON JANUARY 1, 2002-03 ¹

State	Crop of 2001			Crop of 2002			
	Production	Stocks Jan 1 2002	% of Prod	Production	Stocks Dec 1 2002	Stocks Jan 1 2003	Jan % of Prod
	<i>1,000 Cwt.</i>		<i>Percent</i>		<i>1,000 Cwt.</i>		<i>Percent</i>
California ²	1,424	1,100	77	4,450	2,000	1,500	34
Colorado	21,357	13,300	62	27,885	20,100	17,700	63
Idaho	120,200	78,000	65	133,385	92,000	82,500	62
Maine	16,430	10,800	66	16,960	12,600	11,200	66
Michigan	13,950	6,200	44	13,878	7,900	6,400	46
Minnesota	18,425	10,800	59	18,700	12,000	10,500	56
Montana	3,296	2,780	84	3,224	3,050	3,000	93
Nebraska	8,400	4,050	48	8,611	5,650	4,700	55
New York	5,942	1,500	25	5,500	2,500	1,800	33
North Dakota	26,400	16,900	64	23,460	16,000	13,600	58
Ohio	1,097	150	14	1,008	190	140	14
Oregon	20,730	15,500	75	24,936	18,000	15,000	60
Pennsylvania ²	3,173	1,400	44	2,590	1,400	1,100	42
Washington	94,400	46,000	49	95,200	53,000	46,500	49
Wisconsin	31,955	16,200	51	31,125	19,500	16,500	53
Total 15 States ...	387,179	224,680	58	410,912	265,890	232,140	56

¹ Stocks include processor holdings and most of the seed to plant the following year's crop. Seed usage for all seasons in 2002 totaled 29.3 million cwt. ² December 1, 2002 stocks revised.

POULTRY SLAUGHTER

Item	Unit	Pennsylvania			United States		
		Nov 2001	Oct 2002	Nov 2002	Nov 2001	Oct 2001	Nov 2002
Young Chickens	Thous. Hd.	7,927	10,165	8,561	667,540	771,005	639,754
	Thous. Lbs.	41,830	54,504	45,406	3,395,215	3,986,666	3,292,170
Mature Chickens . . .	Thous. Hd.	-	-	-	12,321	15,373	11,657
	Thous. Lbs.	-	-	-	65,067	83,237	65,555
Young Turkeys	Thous. Hd.	1,075	¹	1,240	24,518	24,641	22,954
	Thous Lbs.	27,465	¹	27,826	620,393	660,026	604,773

¹ Figures are not available due to disclosure of individual operations.

POTATO STOCKS

Total potato stocks stored in Pennsylvania on January 1, 2003 were 1,100,000 cwt., 21 percent less than a year ago. The December 1, 2002 potato stocks for the Commonwealth were revised up to 1,400,000 cwt. Stocks are defined as the quantity (whether sold or not) remaining in storage for all purposes and uses, including seed potatoes not yet moved, and shrinkage, waste, and other losses that occur after the date of each report. Sales of fall potatoes for all purposes for the past 5 years averaged 90.8 percent of the total fall production. Shrinkage, loss, and home use account for the remaining 9.2 percent.

Potato production for the Commonwealth in 2002, 2,590,000 cwt, was 18 percent lower than the 2001 crop. There were 14,000 acres of potatoes harvested in Pennsylvania this fall and the average yield per acre was estimated at 185 cwt., down 21 percent from the 2001 yield.

In the **U.S.**, the 15 major potato States held 232 million cwt of potatoes on January 1, 2003, up 3 percent from last year but 16 percent below 2001. Storage accounts for 56 percent of the 2002 fall storage State's production, down 2 percentage points from last year. Stocks by type are 3 percent red, 10 percent round white, 3 percent long white (Shepody), and 84 percent russet. There are more reds and fewer russets than a year ago. December 1, 2002 stocks were revised up slightly, with changes in California and Pennsylvania.

Disappearance, at 179 million cwt, from the start of harvest to January 1, is up 10 percent from the same period last year but 3 percent below two years ago. December disappearance was 33.8 million cwt, down 1 percent from a year ago and 4 percent below two years ago. Shrink and loss, at 18.4 million cwt, is up 6 percent from last year and 14 percent below two years ago.

TURKEYS RAISED 2002 - INTENTIONS 2003

Commonwealth producers raised 9.9 million turkeys in 2002, up 4 percent from the 9.5 million raised in 2001. Turkeys raised in the United States during 2002 totaled 272 million birds, up fractionally from 272 million turkeys raised during 2001.

North Carolina ranked first in the number raised with 45.5 million, followed by Minnesota with 44.0 million, Arkansas with 29.5 million, Missouri with 25.5 million, Virginia with 20.0 million, California with 17.7 million, and Indiana with 13.0 million. These states accounted for 72 percent of the turkeys produced in the United States during 2002.

Producers in Pennsylvania reported intentions to be 9.9 million turkeys during 2003, which would be held constant with the 9.9 million turkeys raised in 2002. Turkey growers in the 23 States, which produced 99 percent of the turkeys raised in 2002, intend to decrease the number of birds raised in 2003 by 2 percent. Intentions for the top seven producing States compared with 2002 are as follows: Minnesota up 2 percent, North Carolina down 3 percent, Arkansas down 2 percent, Missouri down 2 percent, Virginia down 5 percent, California down 10 percent, and Indiana unchanged.

The number of turkeys actually raised in 2003 may vary from growers' intentions depending on feed costs, supply of hatching eggs, cost of poults, and prices growers receive for turkeys during the next few months.

PENNSYLVANIA AGRICULTURAL
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